

## CLAIMS:

1. A method of transmitting data signals between a base station (B) and a plurality of moving data media (1, 2) in which, for the purpose of starting a data transmission, the base station (B) emits a command signal in response to which data media (1, 2), which receive this command signal, each send a response signal to the base station (B),  
5 whereupon the base station (B) selects one (1) of the data media (1, 2) for data transmission, and the transmission of data from the data medium (1) to the base station (B) is triggered solely in this selected data medium (1), wherein a select code (SELECT) is appended to the signals which are sent by the base station (B) solely for a selected data medium (1), by means of which select code these signals are marked as sent by the base station (B) solely for a  
10 selected data medium (1), and wherein the emission of data signals to the base station (B) upon the reception of a data signal sent by the base station (B) and comprising a select code (SELECT) is suppressed independently of the remaining content of this data signal sent by the base station (B) in all data media (2) not previously selected by the base station (B) for data transmission.

2. The method as claimed in claim 1, wherein the select code (SELECT) is transmitted in a non-encrypted fashion in the data signal sent by the base station (B).

3. The method as claimed in claim 1 or 2, wherein the select code (SELECT) is  
20 formed by a single bit (select code bit) in the data signal sent by the base station (B).

4. The method as claimed in claim 1, 2 or 3, wherein the select code (SELECT) assumes a first value in the data signal sent by the base station (B) when the data signal is marked as sent by the base station (B) solely for a selected data medium (1), and wherein the  
25 select code (SELECT) assumes a second value in the data signal sent by the base station (B) when the data signal is marked as sent by the base station (B) for all data media (1, 2).